

Metadata - Commute Trip Reduction Survey 2011-12

General

Abstract: This document contains worksite level Commute Trip Reduction data and the ability to Summarize at various levels including Statewide, Countywide, and Jurisdiction wide. It also contains CTR survey results for non CTR mandated sites on an additional worksheet.

Purpose: For use by Jurisdictions and other CTR administrators to understand the CTR survey results.

Use Constraints: The Washington State CTR program goals are based at the jurisdiction level. Data at the worksite level for goal information is available for program administrators' work with employers only.

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Source Information

Source Contribution: Washington State Department of Transportation, CTR Database (full description of each attribute in Worksite Level Attribute information below.)

Source Time Period of Content: 9/1/2006 - 1/1/2013

*multiple sources can be added by adding additional "source Contribution" and "Source Time Period of Content"

Process Step (Methods)

Process Description:

- 1 Check the Hyperion 3rd query Filter for Countstowardgoal = 1 (yes). Run All 3 sections of the Hyperion Report and Copy/Paste over the old records in Worksites_CountTowardGoal (paste new data 1 record down so header doesn't get overwritten). Delete 2nd Header after checking to make sure attributes line up. Also delete all 1 values in BE Column so that the formula can be updated.
- 2 Copy/Paste any Unique Sites from the Unique sites worksheet to the appropriate worksheet. This step is suspended until new Cycle begins.
- 3 Update the Formula in the BE and BF Column using the formulas at the bottom of this worksheet. Then Copy/Paste Special values only both the BE and BF columns so that the calculations remain correct

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- 4 Change the Counttowardgoal to be = 0 (no) to update the Worksites_NOTCountTowardsGoal worksheet. Step 2 & 3 aren't nessisary for this worksheet.
- 5 Refresh the pivot tables using the Pivot Table|Options Ribbon - Refresh All data button and refresh all three charts individually.
- 6 Update Metadata in this sheet for "Source Time Period of Content:" and "Date/Time" in Currentness section
- 7 Save Document don't change the name, this will update the template
- 8 Save As the document with the appropriate geography name and date (as well as without fill-in if the files has no fillin applied)

Entity Attribute Detailed Description

Sheet List: State, County, and Jurisdiction Level Worksheets have pivot tables pulling the same data. Attribute information below are the calculated fields that are not in the "Worksite Level Counted Goal" Sheet. Anything not specifically called out in the Attribute below is simply the "SUM of" from the "Worksite Level Counted Goal" Worksheet.

Attribute

General:	Response Rate - Response Rate for Surveys
Description:	SUM of ='Expanded Surveys Returned'/'Expanded Surveys Distributed'
Data Type:	Percentage (0.0%)
General:	DAR - Drive Alone Rate
Description:	SUM =(WeeklyDriveAloneTrips+'Weekly 1-Motorcycle Trips')/TotalWeeklyCountTrips
Data Type:	Percentage (0.0%)
General:	% Change in DAR - Percent change in Drive Alone Rate since 2007/2008
Description:	SUM of DAR (aggregate value) - Value shown as % Difference from "SurveyCycle" = 2007/2008
Data Type:	Percentage (0.0%;[Red]0.0%;"";@)
General:	DARGoal - Drive Alone Goal
Description:	SUM of =0.9*(Total Goal Drive Alone Rate Trips/TotalWeeklyCountTrips)
Data Type:	Percentage (0.0%;[Red]0.0%;"";@)
General:	VMT1 - Average VMT Per Person 1 way
Description:	SUM of = 'Total VMT'/'expanded surveys returned'
Data Type:	Number (.0)
General:	% Change in VMT - Percent change in VMT since 2007/2008 Cycle
Description:	SUM of VMT1 - Value shown as % Difference from "SurveyCycle" = 2007/2008
Data Type:	Percentage (0.0%;[Red]0.0%;"";@)

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General:	VMT Goal - Average VMT Per Person 1 way Goal
Description:	SUM of ='Total Goal VMT'/'expanded surveys returned'
Data Type:	Percentage (0.0%;[Red]0.0%;"";@)
General:	Annual GHG (Metric Tons)
Description:	SUM of Total Annual GHG (Metric Tons)
Data Type:	
General:	Daily GHG per Employee (Pounds)
Description:	SUM of = 'GHGforAgg (Pounds)'/ 'Expanded Surveys Returned'
Data Type:	
General:	% Change in Daily GHG per Employee (against 07/08 cycle)
Description:	SUM of = 'GHGforAgg (Pounds)'/ 'Expanded Surveys Returned' - Value shown as % Difference from "SurveyCycle" = 2007/2008
Data Type:	
General:	ShareCalc Modeshare calculations
Description:	<p>Alone: SUM of =WeeklyDriveAloneTrips/TotalWeeklyCountTrips</p> <p>Carpool: SUM of ='Weekly Carpool Trips'/TotalWeeklyCountTrips</p> <p>Vanpool: SUM of ='Weekly Vanpool Trips'/TotalWeeklyCountTrips</p> <p>Motorcycle: SUM of =('Weekly 1-Motorcycle Trips'+ 'Weekly 2-Motorcycle Trips')/TotalWeeklyCountTrips</p> <p>Bus: SUM of ='Weekly Bus Trips'/TotalWeeklyCountTrips</p> <p>Train: SUM of ='Weekly Train/Lightrail/Street Car Trips'/TotalWeeklyCountTrips</p> <p>Bike: SUM of ='Weekly Bike Trips'/TotalWeeklyCountTrips</p> <p>Walk: SUM of ='Weekly Walk Trips'/TotalWeeklyCountTrips</p> <p>Tele: SUM of ='Weekly Telework Trips'/TotalWeeklyCountTrips</p> <p>CWW: SUM of ='Weekly CWW Days'/TotalWeeklyCountTrips</p> <p>Ferry: SUM of =('Weekly Boarded Ferry with Car/Bus/Van'+ 'Weekly Used Ferry as Walk-on Passenager')/TotalWeeklyCountTrips</p> <p>Other: SUM of ='Weekly Other Trips'/TotalWeeklyCountTrips</p>
Data Type:	Number (.000)
Sheet List:	Worksites Level Counted Goal, Worksite Not Countd In Goal, Unique Sites - (Product of a Hyperion Report with the exception of the last 2 attributes, whos' information is detailed at the bottom of this group.)
General:	Status
Description:	Worksite Status within the system at time of survey (affected, voluntary, unaffected)
General:	County Name
Description:	County Name (Wsdotcountycode.County_Name)
General:	Jurisdiction
Description:	Jurisdiction Name (Organizationworksitejurisdiction.Jurisdictionname)

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General:	CTR Identification Code
Description:	CTRID (Work_Site.CTR_Identification_Code)
General:	Organization Name
Description:	Organization Name (Organization.Organization_Name)
General:	Worksite Name
Description:	Worksite Name (Work_Site.Worksite_Name)
General:	Survey_Cycle
Description:	Uses Survey Close date to determine which cycle (case when Survey.Survey_Close_Date between '07/01/2006' and '12/31/2008'then '2007/2008', when Survey.Survey_Close_Date between '01/01/2009' and '12/31/2010' then '2009/2010', when Survey.Survey_Close_Date between '01/01/2011' and '12/31/2012' then '2011/2012'when Survey.Survey_Close_Date between '01/01/2013' and '12/31/2014' then '2013/2014' else 'error' end)
General:	Survey Close Date
Description:	Survey Close Date (Survey.Survey_Close_Date)
General:	Survey Iteration
Description:	Measurement Cycle (M1= 2007/8, M2=2009/10, M3=2010/11, M4=2013/14) (Surveyiteration.Surveyiterationname)
General:	Survey Purpose
Description:	Survey purpose (CTR, GTEC, OTHER) (Surveypurpose.Surveypurposename)
General:	ExpansionFactor
Description:	If Sampling, divide the total employee count by the surveys distributed, otherwise = 1. This will be used to compensate for all the sampling sites and leaves those not sampling alone by multiplying by 1 (Case when Summary_Without_Fill-in.Issampling = 1 then Summary_Without_Fill-in.Total_Employee_Count/cast (Summary_Without_Fill-in.Surveys_Distributed_Count as float) else 1 end)
General:	Sampling Worksite?
Description:	Was the survey a sample or total population survey type (1 = yes, blank = no)
General:	ResponseRate
Description:	number of returned surveys divided by the number of distributed surveys (Survey_Data_Summary.Response_Rate)
General:	Total Employees
Description:	Total count of Employees at site (Summary_Without_Fill-in.Total_Employee_Count)
General:	Expanded Surveys Distributed

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Description:	Surveys Distributed unless the survey was a Sampled site, and then it is multiplied by the expansion factor (Summary_Without_Fill-in.Surveys_Distributed_Count)
General:	Expanded Surveys Returned
Description:	Number of records received for survey unless the survey was a Sampled site, and then it is multiplied by the expansion factor (Summary_Without_Fill-in.Actual_Surveys_Returned_Count)
General:	VMT/Employee *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Fill: If the survey is Baseline pull NoFill data, otherwise pull Fill on Employee VMT (case when Surveyiteration.Surveyiterationname = 'BA' then Summary_Without_Fill-in.VMT_Employee_without_Fill_in else Survey_Data_Summary.VMT_Employee_With_Fill_in end) No Fill: No Fill VMT per employee data (Survey_Data_Summary.VMT_Employee_With_Fill_in)
General:	Goal_VMT *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Calculate Goal of 87% of the Baseline survey, calculates only if Baseline (case when Surveyiteration.Surveyiterationname = 'BA' then .87*(Request.VMT_Employee) else '0' end)
General:	Total VMT *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Fill: Total VMT for Worksite (case when Request.Survey_Cycle = '2007/2008' then ((Request.ExpansionFactor) * (Request.VMT_Employee*Summary_Without_Fill-in.Actual_Surveys_Returned_Count)) else Request.VMT_Employee*Summary_Without_Fill-in.Actual_Surveys_Returned_Count end) No Fill: Total VMT for Worksite (Request.VMT_Employee*Request.Expanded_Surveys_Returned)
General:	Total Goal VMT *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Total Goal VMT for Worksite, calculates only if 2007/2008 cycle (case when Request.Survey_Cycle = '2007/2008' then (Request.ExpansionFactor) * (Request.VMT_Employee*Summary_Without_Fill-in.Actual_Surveys_Returned_Count) else 0 end)
General:	DriveAloneRate *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED

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Description:	Add the drive alone trips to the 1 person motorcycle trips and divide by the total weekly trips. ((Request.WeeklyDriveAloneTrips + Summary_Without_Fill-in.Weekly_1_Motorcycle_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	GoalDriveAloneRate *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Calculate Goal of 90% of the Baseline survey, and don't calculate if not Baseline (case when Surveyiteration.Surveyiterationname = 'BA' then .9*(Request.DriveAloneRate) else '0' end)
General:	Total Goal Drive Alone Rate Trips *IF THIS DOCUMENT HAS FILL THEN THE FILL DATA WAS PULLED, IF THE DOCUMENT NAME HAS WITHOUT FILL IN THE NAME THEN THE NO FILL DATA WAS PULLED
Description:	Drive Alone Trips plus 1 person motorcycle trips if this is a 2007/2008 survey (case when Request.Survey_Cycle = '2007/2008' then (Request.WeeklyDriveAloneTrips) + (Request.Weekly_1-Motorcycle_Trips) else '0' end)
General:	Total Annual Greenhouse Gas Emissions - All Employees (Metric Tons CO2e) *FILL IN NEVER APPLIED TO GHG CALCULATIONS
Description:	Annual GHG per employee in metric tons (Summary_Without_Fill-in.Ghgtotalemployeesnofillin)
General:	Daily per employee GHG *FILL IN NEVER APPLIED TO GHG CALCULATIONS
Description:	Annual VMT calculated out to daily and converted to Pounds from metric tons ((Summary_Without_Fill-in.Ghgtotalemployeesnofillin/.001)*2.20462262)/((50*(trips per week))*Summary_Without_Fill-in.Total_Employee_Count)
General:	GHGforAgg (Pounds) *FILL IN NEVER APPLIED TO GHG CALCULATIONS
Description:	Aggregate pounds of GHG for Pivot tables (Request.Expanded_Surveys_Returned * Request.DailyGHG)
General:	TotalWeeklyCountTrips
Description:	Fill: Total Weekly Count Trips (case when Surveyiteration.Surveyiterationname = 'BA' then Summary_Without_Fill-in.Total_Weekly_Counts_Trips_without_Fill_in*Request.ExpansionFactor else Survey_Data_Summary.Total_Weekly_Count_Trips*Request.ExpansionFactor end) No Fill: Total Weekly Count Trips (Survey_Data_Summary.Total_Weekly_Count_Trips*Request.ExpansionFactor)
General:	WeeklyDriveAloneTrips
Description:	Fill: Weekly Drive Alone Trips (case when Surveyiteration.Surveyiterationname = 'BA' then Summary_Without_Fill-in.Weekly_Drive_Alone_Trips_without_Fill_in*Request.ExpansionFactor else Survey_Data_Summary.Weekly_Drive_Alone_Trips*Request.ExpansionFactor end) No Fill: Weekly Drive Alone Trips (Survey_Data_Summary.Weekly_Drive_Alone_Trips*Request.ExpansionFactor)

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General:	Weekly Carpool Trips
Description:	Weekly Carpool Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Carpool_Trips*Request.ExpansionFactor)
General:	Weekly Vanpool Trips
Description:	Weekly Vanpool Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Vanpool_Trips*Request.ExpansionFactor)
General:	Weekly 1-Motorcycle Trips
Description:	Weekly 1 person Motorcycle Trips multiplied by an expansion factor (Summary_Without_Fill-in.Weekly_1_Motorcycle_Trips*Request.ExpansionFactor)
General:	Weekly 2-Motorcycle Trips
Description:	Weekly 2 person Motorcycle Trips multiplied by an expansion factor (Summary_Without_Fill-in.Weekly_2_Motorcycle_Trips*Request.ExpansionFactor)
General:	MotorcycleShare
Description:	Weekly Bus Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Bus_Trips*Request.ExpansionFactor)
General:	Weekly Train/Lightrail/Street Car Trips
Description:	Weekly Train/Lightrail/Street Car Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Train_Lightrail_Street_Car_Trips*Request.ExpansionFactor)
General:	Weekly Bike Trips
Description:	Weekly Bike Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Bike_Trips*Request.ExpansionFactor)
General:	Weekly Walk Trips
Description:	Weekly Walk Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Walk_Trips*Request.ExpansionFactor)
General:	Weekly Telework Trips
Description:	Weekly Telework Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Telework_Trips*Request.ExpansionFactor)
General:	Weekly CWW Days
Description:	Weekly CWW Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_CWW_Days*Request.ExpansionFactor)
General:	Weekly Overnight Business Trip
Description:	Weekly Overnight Business Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Overnight_Business_Trip*Request.ExpansionFactor)
General:	Weekly Did Not Work

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Description: Weekly Did Not Work Trips multiplied by an expansion factor
(Survey_Data_Summary.Weekly_Did_Not_Work*Request.ExpansionFactor)

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General:	Weekly Boarded Ferry with Car/Bus/Van
Description:	Weekly Boarded Ferry with Car/Bus/Van Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Boarded_Ferry_with_Car_Bus_Van*Request.ExpansionFactor)
General:	Weekly Ferry as Walk on passenger
Description:	Weekly Ferry as Walk on Passenger Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Used_Ferry_as_Walk_on_Passenager*Request.ExpansionFactor)
General:	Weekly Other Trips
Description:	Weekly Other Trips multiplied by an expansion factor (Survey_Data_Summary.Weekly_Other_Trips*Request.ExpansionFactor)
General:	AloneShare
Description:	Weekly Drive Alone Trips divided by Total Weekly Count Trips ((Request.WeeklyDriveAloneTrips) / cast(Request.TotalWeeklyCountTrips as float))
General:	CarpoolShare
Description:	Weekly Carpool Trips divided by Total Weekly Count Trips ((Request.Weekly_Carpool_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	VanShare
Description:	Weekly Vanpool Trips divided by Total Weekly Count Trips ((Request.Weekly_Vanpool_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	MotorcycleShare
Description:	(Weekly 1 Person Motorcycle Trips plus Weekly 2 Person Motorcycle Trips) divided by Total Weekly Count Trips ((Request.Weekly_1-Motorcycle_Trips + Request.Weekly_2-Motorcycle_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	BusShare
Description:	Weekly Bus Trips divided by Total Weekly Count Trips ((Request.WeeklyBusTrips) / cast(Request.TotalWeeklyCountTrips as float))
General:	TrainShare
Description:	Weekly Train/Lightrail/Street Car Trips divided by Total Weekly Count Trips ((Request.Weekly_Train_Lightrail_Street_Car_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	BikeShare
Description:	Weekly Bike Trips divided by Total Weekly Count Trips ((Request.WeeklyBikeTrips) / cast(Request.TotalWeeklyCountTrips as float))
General:	WalkShare

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Description:	Weekly Walk Trips divided by Total Weekly Count Trips ((Request.WeeklyWalkTrips) / cast(Request.TotalWeeklyCountTrips as float))
General:	TeleShare
Description:	Weekly Telework Trips divided by Total Weekly Count Trips ((Request.Weekly_Telework_Trips) / cast(Request.TotalWeeklyCountTrips as float))
General:	CWWShare
Description:	Weekly CWW Trips divided by Total Weekly Count Trips ((Request.Weekly_CWW_Days) / cast(Request.TotalWeeklyCountTrips as float))
Description:	(Weekly Boarded Ferry with Car/Bus/Van Trips plus Weekly Used Ferry as Walk-on Passenger Trips) divided by Total Weekly Count Trips ((Request.Weekly_Boarded_Ferry_with_Car_Bus_Van + Request.Weekly_Used_Ferry_as_Walk-on_Passenager) / Request.TotalWeeklyCountTrips)
General:	OtherShare
Description:	Weekly Other Trips divided by Total Weekly Count Trips ((Request.WeeklyOtherTrips) / cast(Request.TotalWeeklyCountTrips as float))

* the 3 attributes that are starred are the only 3 that are different calculations in the quearry for fill vs. no fill, the rest that are affected point to these 3 outputs.